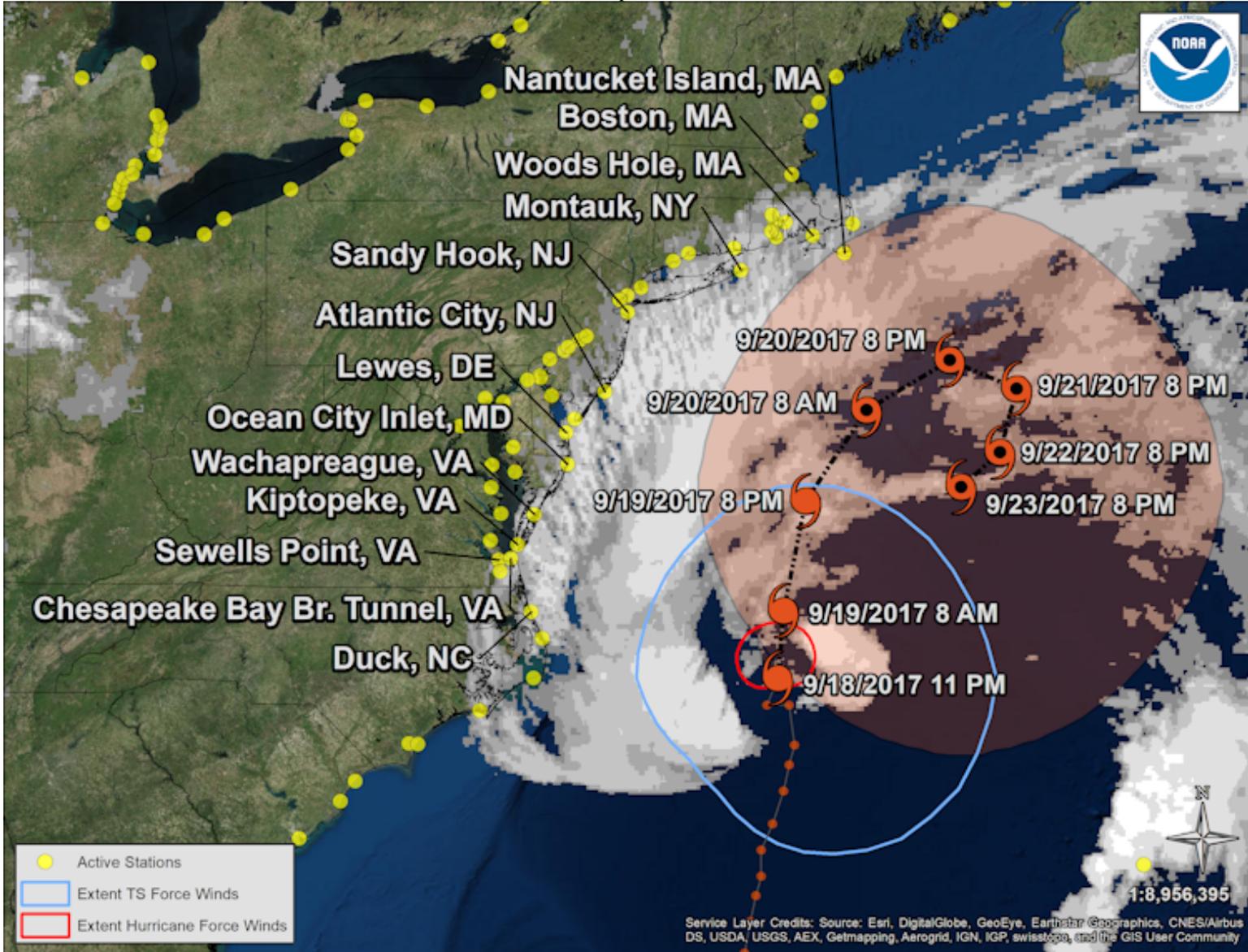




Hurricane JOSE QuickLook
 Posted: 00:00 EDT 09/19/2017

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 09/19/2017 00:00 EDT, water levels from Duck, NC to Lewes, DE are slowly rising and range between 1.2 and 2.0 feet above normal tide levels. Water levels from New Jersey to southern New England are slightly elevated but remain less than 1 foot above tidal predictions. Winds at Duck, NC and Chesapeake Bay Entrance, VA range from 20-30 knots with slightly higher gusts. Elsewhere, winds are generally 10-15 knots. Barometric pressure is slowly falling from North Carolina to Delaware.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional real-time and historical inundation information for select stations affected by this storm, please see Coastal Inundation Dashboard.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

Hurricane Jose Advisory Number 55
NWS National Hurricane Center Miami FL AL122017
1100 PM EDT Mon Sep 18 2017
...JOSE RESUMES A NORTHWARD MOTION...
...DANGEROUS SURF AND RIP CURRENTS EXPECTED TO CONTINUE ALONG THE EAST COAST OF THE UNITED STATES...

SUMMARY OF 1100 PM EDT...0300 UTC...INFORMATION

LOCATION...35.2N 71.3W
ABOUT 235 MI...380 KM E OF CAPE HATTERAS NORTH CAROLINA
ABOUT 420 MI...675 KM S OF NANTUCKET MASSACHUSETTS
MAXIMUM SUSTAINED WINDS...75 MPH...120 KM/H
PRESENT MOVEMENT...N OR 360 DEGREES AT 8 MPH...13 KM/H
MINIMUM CENTRAL PRESSURE...975 MB...28.80 INCHES

WATCHES AND WARNINGS

CHANGES WITH THIS ADVISORY:

None.

SUMMARY OF WATCHES AND WARNINGS IN EFFECT:

A Tropical Storm Warning is in effect for...

- * Watch Hill to Hull
- * Block Island
- * Martha's Vineyard
- * Nantucket

A Tropical Storm Watch is in effect for...

- * The coast of Long Island from Fire Island Inlet to Port Jefferson
- * New Haven to Watch Hill

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area within 36 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within the next 24 to 36 hours.

Interests elsewhere along the U.S. east coast from North Carolina northward to New England should monitor the progress of Jose.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 1100 PM EDT (0300 UTC), the center of Hurricane Jose was located near latitude 35.2 North, longitude 71.3 West. Jose is moving toward the north near 8 mph (13 km/h). This general motion is expected to continue through Tuesday with a turn to the northeast forecast on Tuesday night. On the forecast track, the center of Jose is forecast to pass well offshore of the Delmarva peninsula early Tuesday, and pass well to the east of the New Jersey coast on Wednesday.

Maximum sustained winds remain near 75 mph (120 km/h) with higher gusts. Little change in strength is expected on Tuesday but Jose should begin to gradually weaken on Wednesday.

Hurricane-force winds extend outward up to 60 miles (95 km) from the center and tropical-storm-force winds extend outward up to 230 miles (370 km).

The estimated minimum central pressure based on Air Force Hurricane Hunter data is 975 mb (28.80 inches).

HAZARDS AFFECTING LAND

WIND: Tropical storm conditions are expected to begin in the warning area early Wednesday. Tropical storm conditions are possible in the watch area beginning Tuesday night.

SURF: Swells generated by Jose are affecting Bermuda, the Bahamas, and much of the U.S. east coast. These swells are likely to cause dangerous surf and rip current conditions for the next several days in these areas. For more information, please consult products from your local weather office.

RAINFALL: Jose is expected to produce total rain accumulations of 3 to 5 inches over eastern Long Island, southeast Connecticut, southern Rhode Island, and southeast Massachusetts, including Martha's Vineyard and Nantucket through Wednesday. This rainfall could cause isolated flooding. Jose is also expected to produce total rain accumulations up to an inch or so along the northern mid-Atlantic coast, and from southeast New York to coastal Maine through Wednesday.

NEXT ADVISORY

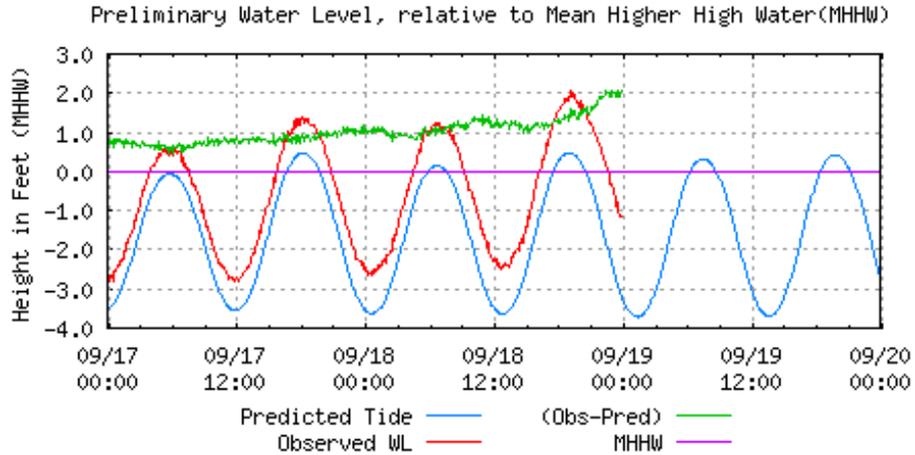
Next intermediate advisory at 200 AM EDT.
Next complete advisory at 500 AM EDT.

\$\$
Forecaster Blake

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

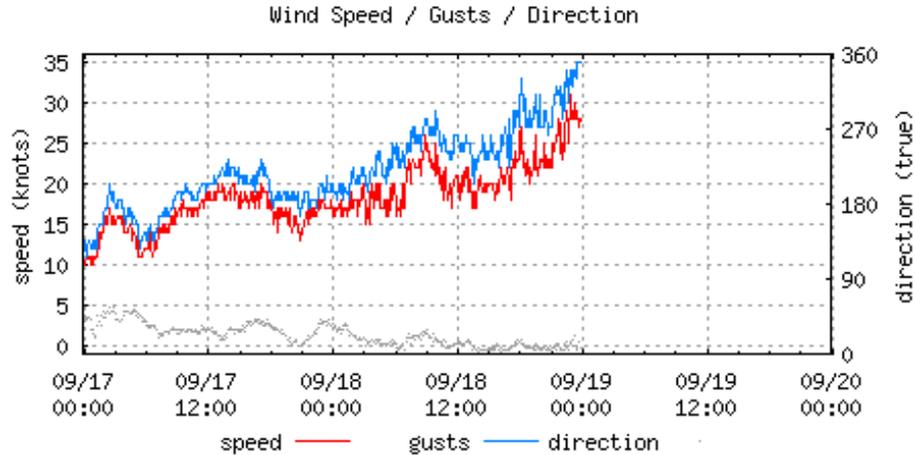
Jump to: [Duck - Water Level](#), [Duck - Winds](#), [Duck - Barometric](#), [Chesapeake Bay Bridge Tunnel - Water Level](#), [Chesapeake Bay Bridge Tunnel - Winds](#), [Sewells Point - Water Level](#), [Kiptopeke - Water Level](#), [Kiptopeke - Winds](#), [Wachapreague - Water Level](#), [Wachapreague - Winds](#), [Ocean City Inlet - Water Level](#), [Ocean City Inlet - Winds](#), [Ocean City Inlet - Barometric](#), [Lewes - Water Level](#), [Lewes - Winds](#), [Atlantic City - Water Level](#), [Sandy Hook - Water Level](#), [Sandy Hook - Winds](#), [Montauk - Water Level](#), [Nantucket Island - Water Level](#), [Nantucket Island - Winds](#), [Nantucket Island - Barometric](#), [Woods Hole - Water Level](#), [Boston - Water Level](#)

NOAA/NOS/CO-OPS 8651370 Duck, NC



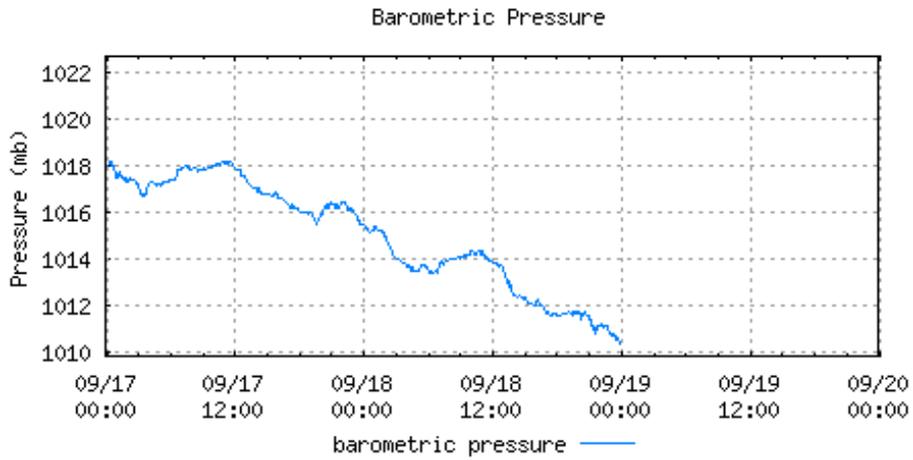
Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW
Observed: -1.13 ft. Predicted: -3.19 ft. Residual: 2.06 ft.
 Historical Maximum Water Level: Sep 18 2003, 4.13 ft.
 Next High Tide: 09/19/2017 07:24 (EDT), 0.33 ft.

NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/18/2017 23:48 (EDT)
Wind Speed: 28 knots Gusts: 35 knots Direction: 8° T

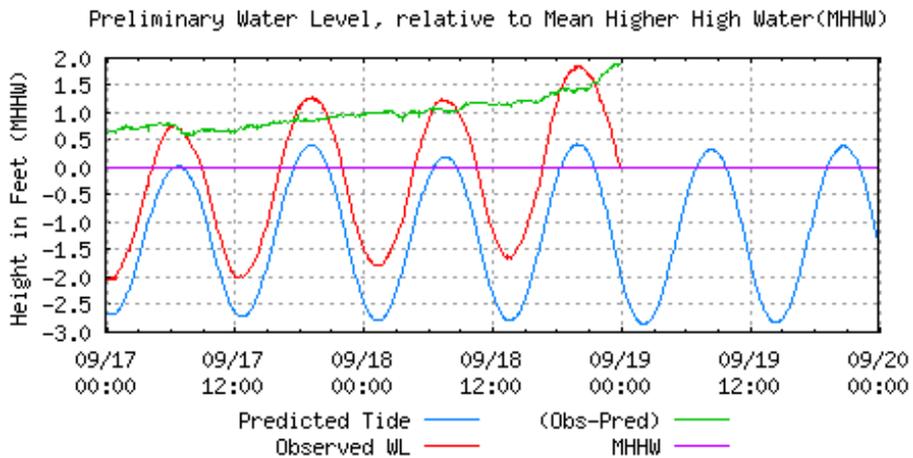
NOAA/NOS/CO-OPS 8651370 Duck, NC



Last Observed Sample: 09/18/2017 23:48 (EDT)

Barometric Pressure: 1010.3 mb

NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



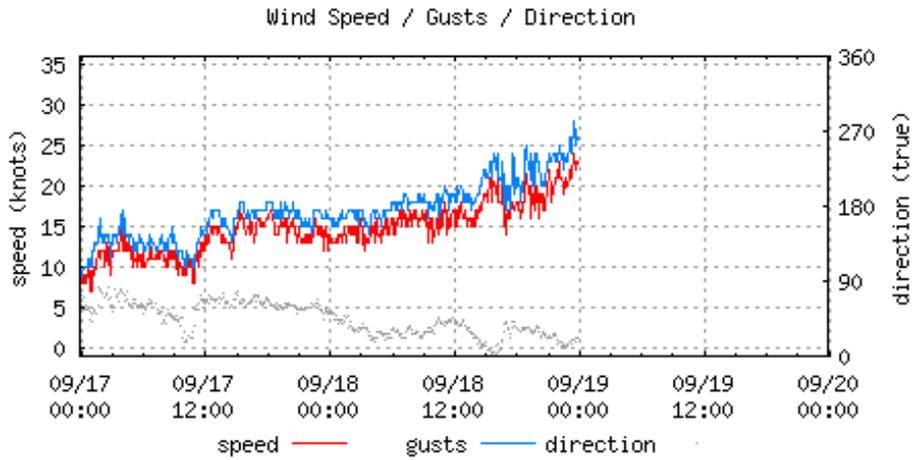
Last Observed Sample: 09/18/2017 23:54 (EDT). Data relative to MHHW

Observed: -0.06 ft. Predicted: -1.95 ft. Residual: 1.89 ft.

Historical Maximum Water Level: Nov 12 2009, 4.66 ft.

Next High Tide: 09/19/2017 08:22 (EDT), 0.33 ft.

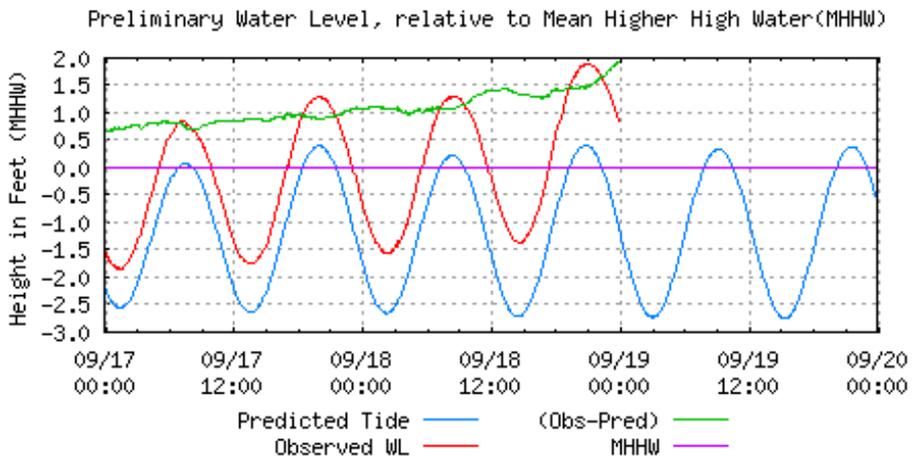
NOAA/NOS/CO-OPS 8638863 Chesapeake Bay Bridge Tunnel, VA



Last Observed Sample: 09/18/2017 23:54 (EDT)

Wind Speed: 23 knots Gusts: 26 knots Direction: 21° T

NOAA/NOS/CO-OPS 8638610 Sewells Point, VA



Last Observed Sample: 09/18/2017 23:54 (EDT). Data relative to MHHW

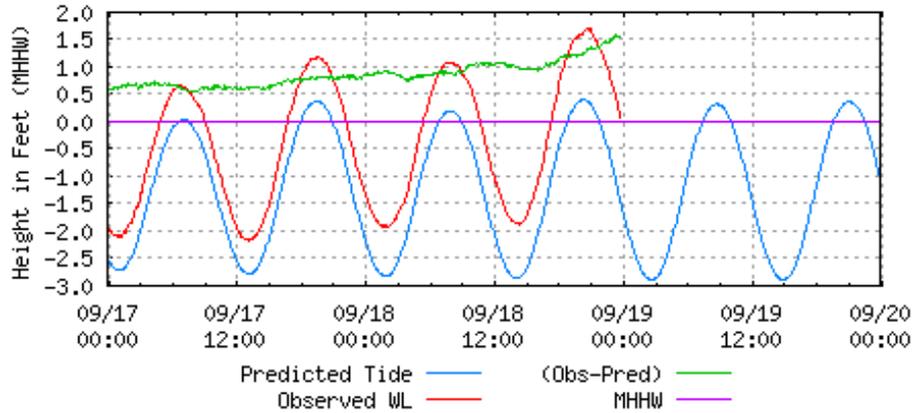
Observed: 0.79 ft. Predicted: -1.16 ft. Residual: 1.95 ft.

Historical Maximum Water Level: Aug 23 1933, 5.26 ft.

Next High Tide: 09/19/2017 09:07 (EDT), 0.34 ft.

NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW

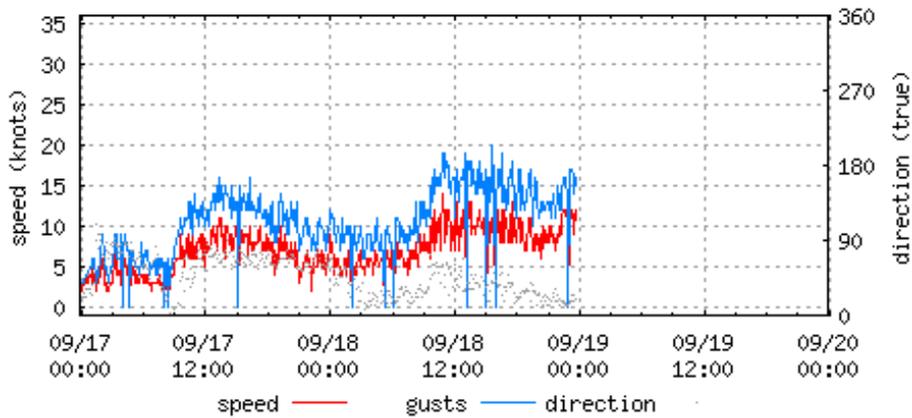
Observed: 0.00 ft. Predicted: -1.55 ft. Residual: 1.55 ft.

Historical Maximum Water Level: Mar 8 1962, 4.13 ft.

Next High Tide: 09/19/2017 08:41 (EDT), 0.32 ft.

NOAA/NOS/CO-OPS 8632200 Kiptopeke, VA

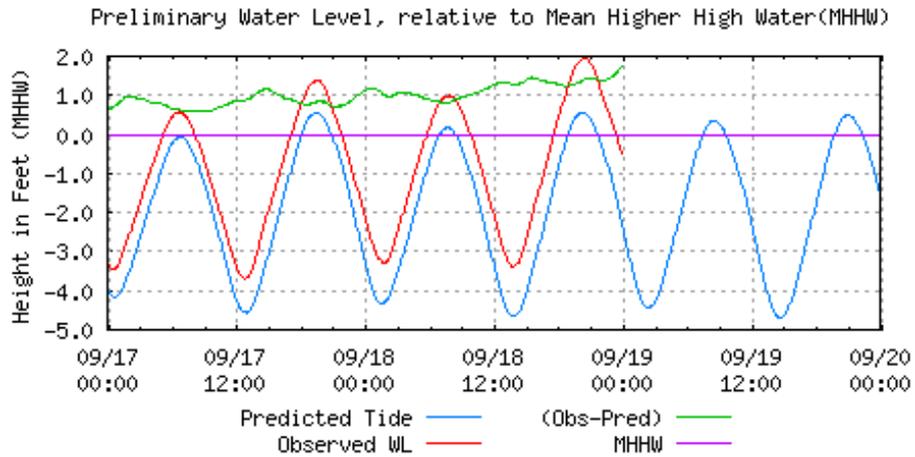
Wind Speed / Gusts / Direction



Last Observed Sample: 09/18/2017 23:48 (EDT)

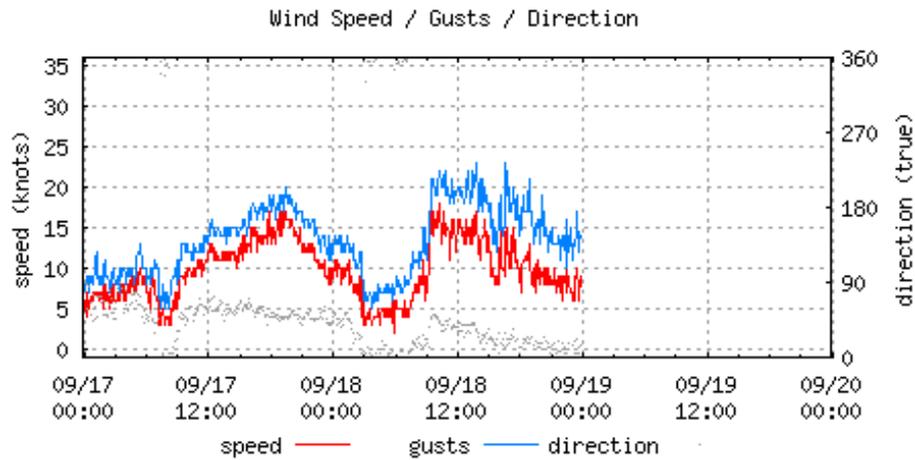
Wind Speed: 10 knots Gusts: 14 knots Direction: 21° T

NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW
Observed: -0.48 ft. Predicted: -2.23 ft. Residual: 1.75 ft.
 Historical Maximum Water Level: Feb 5 1998, 4.41 ft.
 Next High Tide: 09/19/2017 08:26 (EDT), 0.35 ft.

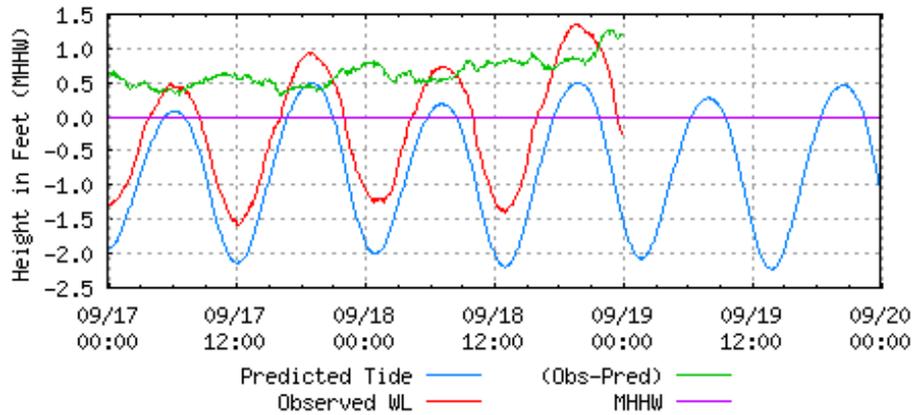
NOAA/NOS/CO-OPS 8631044 Wachapreague, VA



Last Observed Sample: 09/18/2017 23:48 (EDT)
Wind Speed: 9 knots Gusts: 14 knots Direction: 14° T

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW

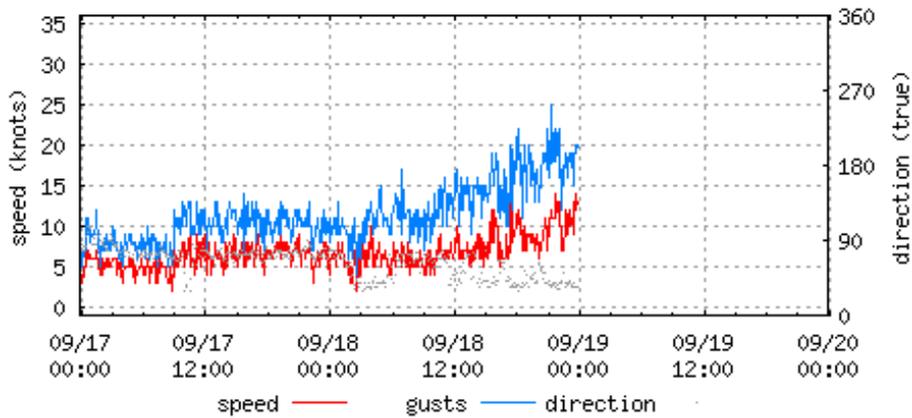
Observed: -0.25 ft. Predicted: -1.44 ft. Residual: 1.19 ft.

Historical Maximum Water Level: Feb 5 1998, 3.61 ft.

Next High Tide: 09/19/2017 07:54 (EDT), 0.27 ft.

NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD

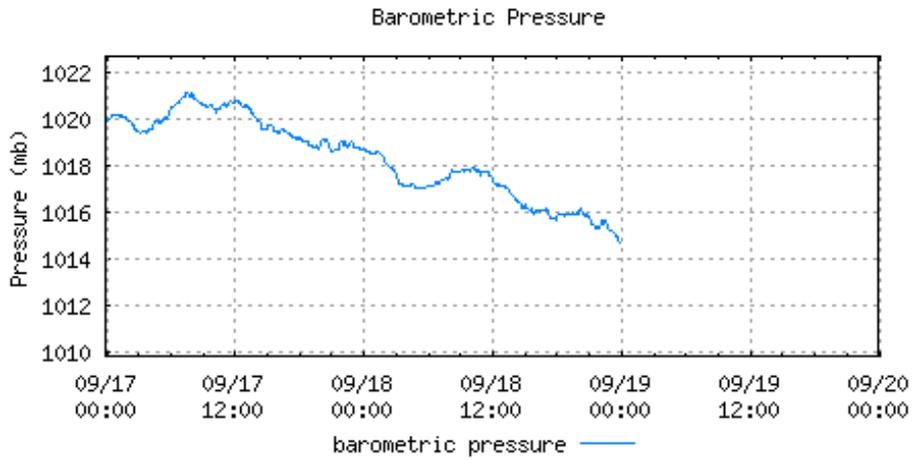
Wind Speed / Gusts / Direction



Last Observed Sample: 09/18/2017 23:48 (EDT)

Wind Speed: 13 knots Gusts: 20 knots Direction: 33° T

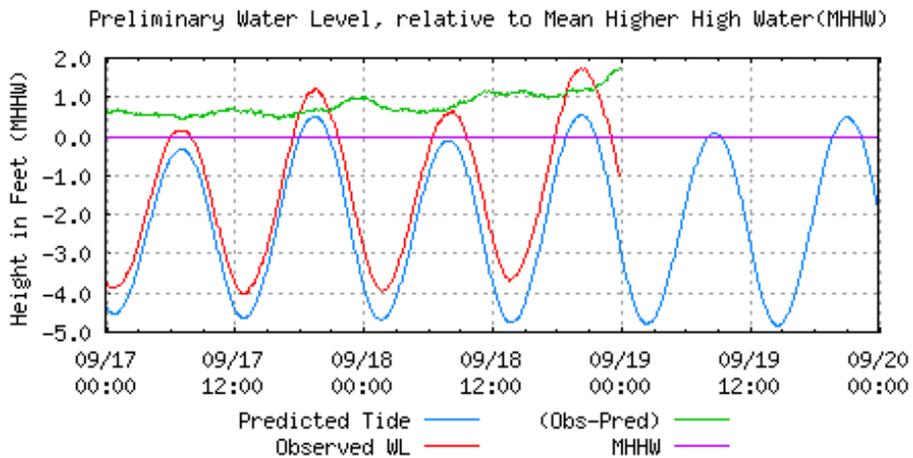
NOAA/NOS/CO-OPS 8570283 Ocean City Inlet, MD



Last Observed Sample: 09/18/2017 23:48 (EDT)

Barometric Pressure: 1014.7 mb

NOAA/NOS/CO-OPS 8557380 Lewes, DE



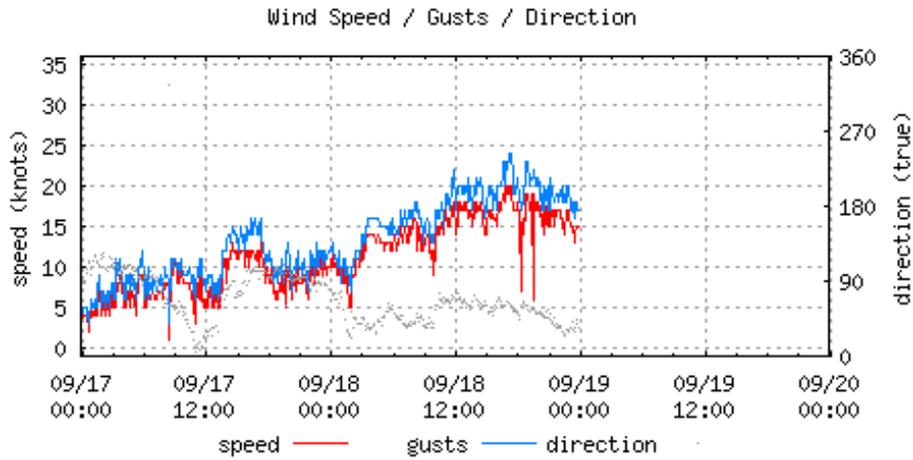
Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW

Observed: -1.00 ft. Predicted: -2.74 ft. Residual: 1.74 ft.

Historical Maximum Water Level: Jan 23 2016, 4.60 ft.

Next High Tide: 09/19/2017 08:40 (EDT), 0.08 ft.

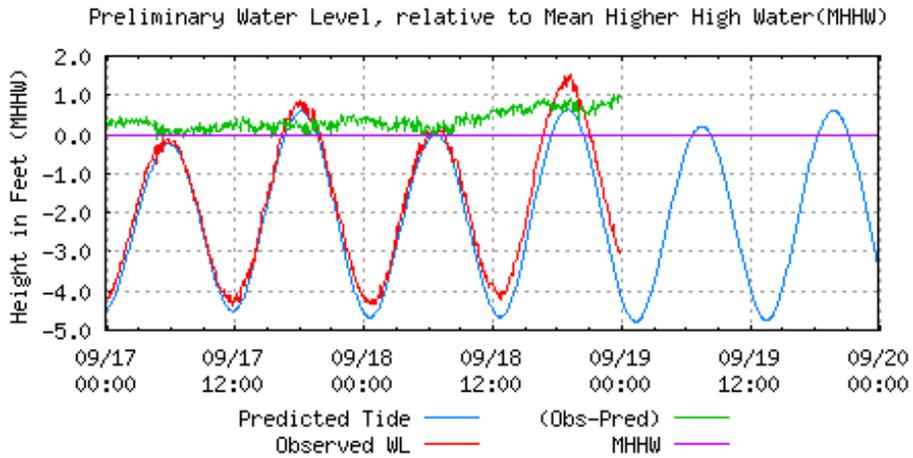
NOAA/NOS/CO-OPS 8557380 Lewes, DE



Last Observed Sample: 09/18/2017 23:48 (EDT)

Wind Speed: 15 knots Gusts: 17 knots Direction: 35° T

NOAA/NOS/CO-OPS 8534720 Atlantic City, NJ



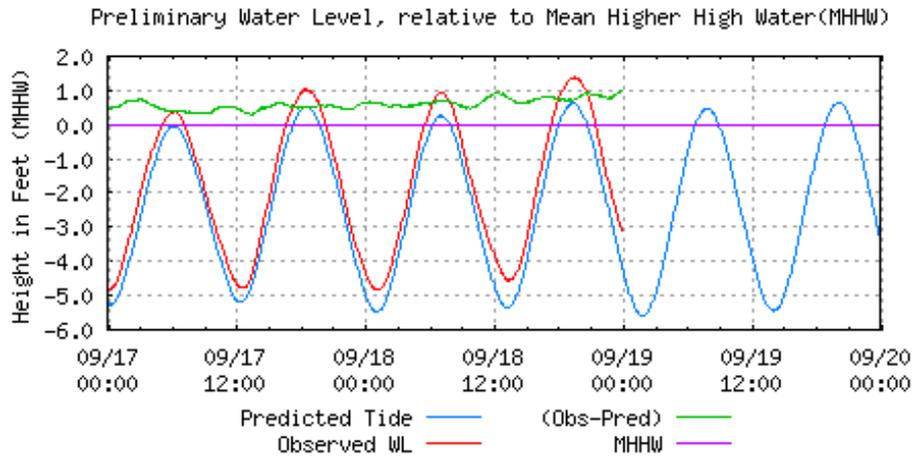
Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW

Observed: -3.03 ft. Predicted: -3.99 ft. Residual: 0.96 ft.

Historical Maximum Water Level: Dec 11 1992, 4.38 ft.

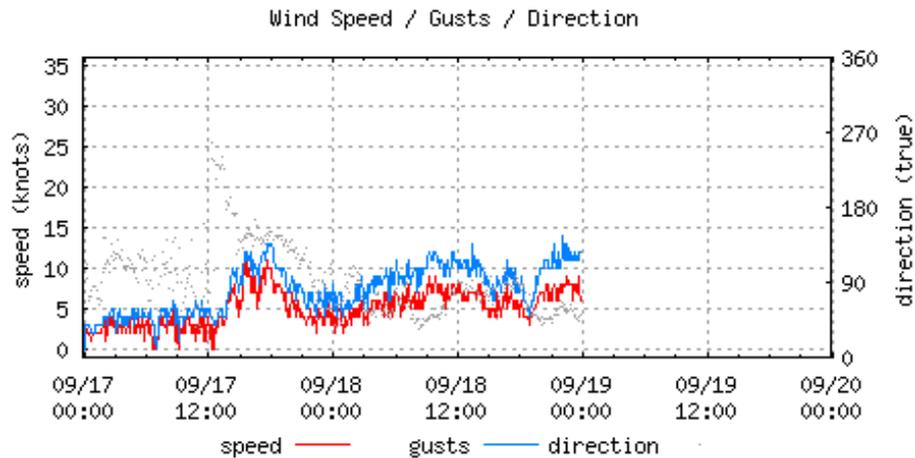
Next High Tide: 09/19/2017 07:28 (EDT), 0.21 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



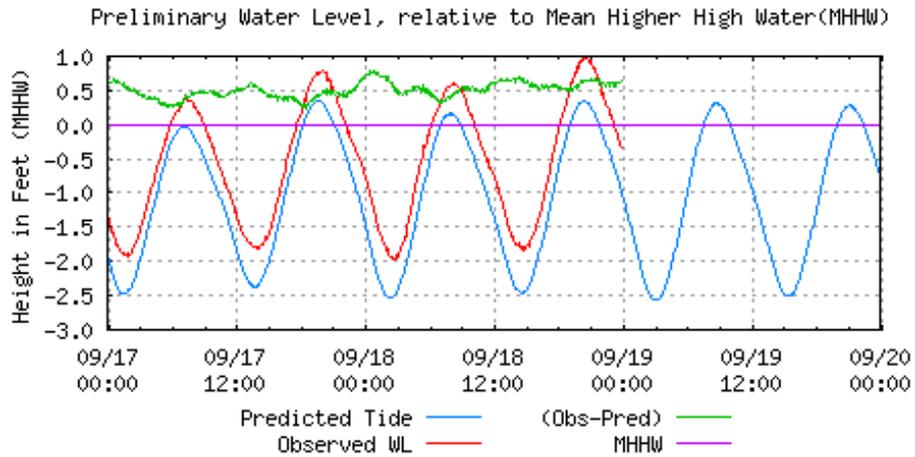
Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW
Observed: -3.12 ft. Predicted: -4.10 ft. Residual: 0.98 ft.
 Historical Maximum Water Level: Sep 12 1960, 4.86 ft.
 Next High Tide: 09/19/2017 07:47 (EDT), 0.48 ft.

NOAA/NOS/CO-OPS 8531680 Sandy Hook, NJ



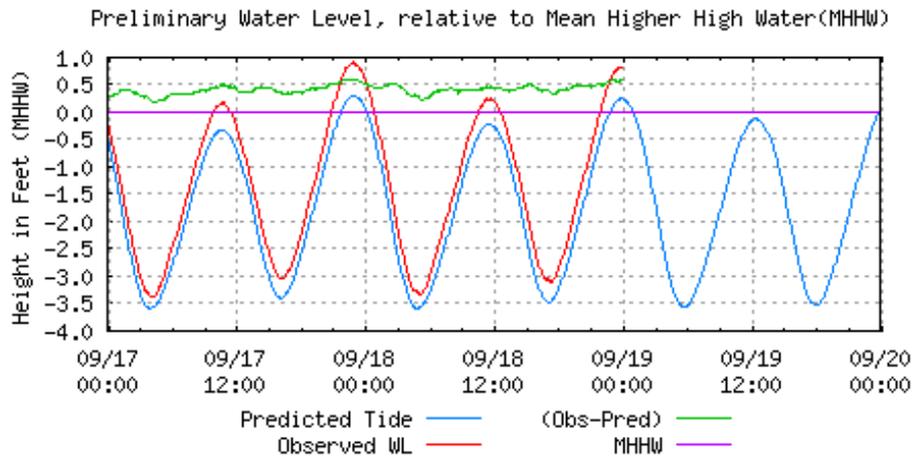
Last Observed Sample: 09/18/2017 23:48 (EDT)
Wind Speed: 6 knots Gusts: 12 knots Direction: 50° T

NOAA/NOS/CO-OPS 8510560 Montauk, NY



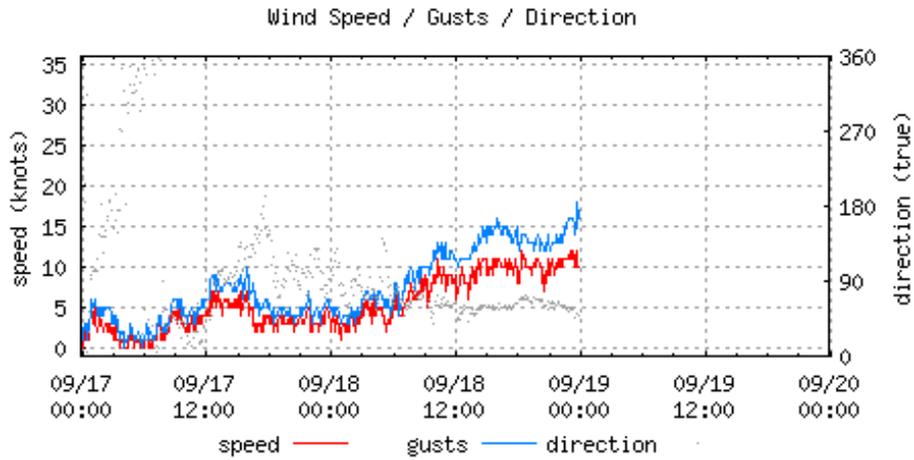
Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW
Observed: -0.35 ft. Predicted: -0.98 ft. Residual: 0.63 ft.
 Historical Maximum Water Level: Aug 31 1954, 5.91 ft.
 Next High Tide: 09/19/2017 08:39 (EDT), 0.31 ft.

NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW
Observed: 0.83 ft. Predicted: 0.25 ft. Residual: 0.58 ft.
 Historical Maximum Water Level: Oct 30 1991, 4.29 ft.
 Next High Tide: 09/19/2017 12:18 (EDT), -0.12 ft.

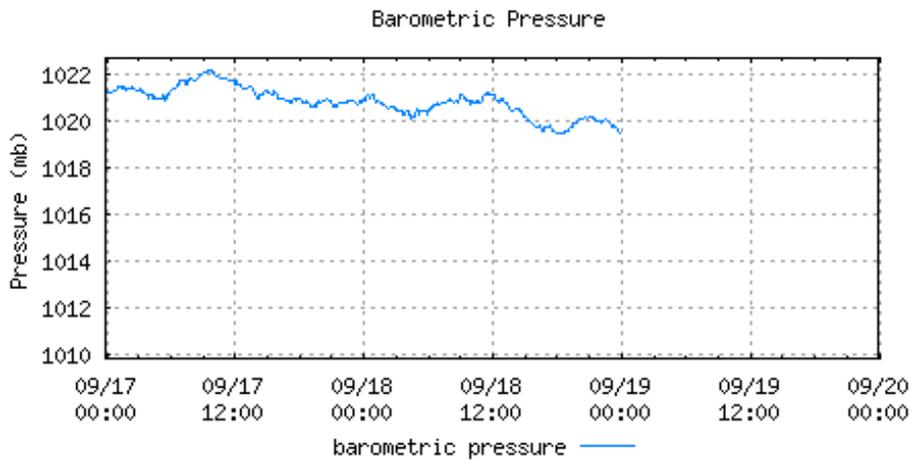
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/18/2017 23:48 (EDT)

Wind Speed: 10 knots Gusts: 16 knots Direction: 48° T

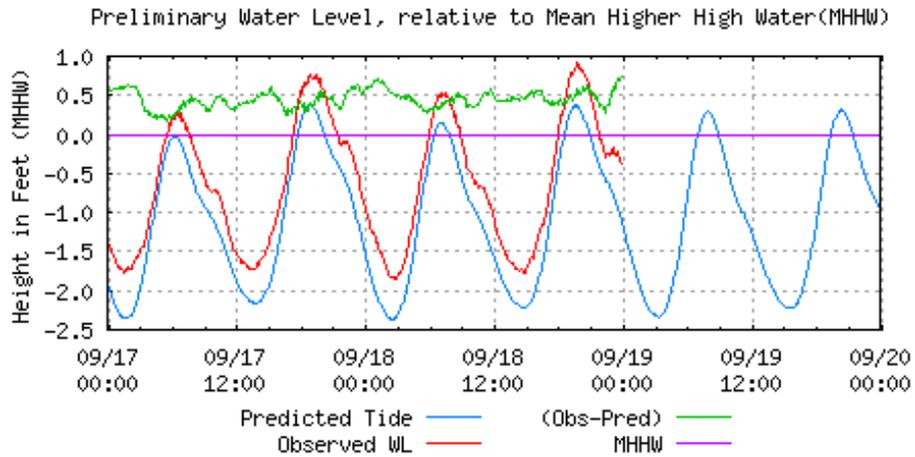
NOAA/NOS/CO-OPS 8449130 Nantucket Island, MA



Last Observed Sample: 09/18/2017 23:48 (EDT)

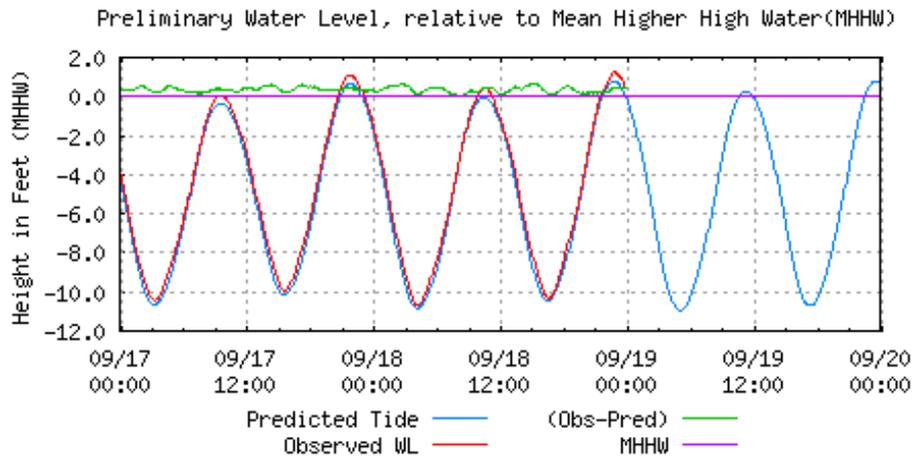
Barometric Pressure: 1019.5 mb

NOAA/NOS/CO-OPS 8447930 Woods Hole, MA



Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW
Observed: -0.37 ft. Predicted: -1.10 ft. Residual: 0.73 ft.
 Historical Maximum Water Level: Sep 21 1938, 8.58 ft.
 Next High Tide: 09/19/2017 07:50 (EDT), 0.29 ft.

NOAA/NOS/CO-OPS 8443970 Boston, MA



Last Observed Sample: 09/18/2017 23:48 (EDT). Data relative to MHHW
Observed: 0.43 ft. Predicted: 0.02 ft. Residual: 0.41 ft.
 Historical Maximum Water Level: Feb 7 1978, 4.82 ft.
 Next High Tide: 09/19/2017 11:13 (EDT), 0.27 ft.

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8651370	Duck, NC	09/18/2017 23:48 (EDT)	-1.13 ft	-3.19 ft	2.06 ft	2.09 ft
8638863	Chesapeake Bay Bridge Tunnel, VA	09/18/2017 23:54 (EDT)	-0.06 ft	-1.95 ft	1.89 ft	1.87 ft
8638610	Sewells Point, VA	09/18/2017 23:54 (EDT)	0.79 ft	-1.16 ft	1.95 ft	1.89 ft
8632200	Kiptopeke, VA	09/18/2017 23:48 (EDT)	0.00 ft	-1.55 ft	1.55 ft	1.71 ft
8631044	Wachapreague, VA	09/18/2017 23:48 (EDT)	-0.48 ft	-2.23 ft	1.75 ft	1.96 ft
8570283	Ocean City Inlet, MD	09/18/2017 23:48 (EDT)	-0.25 ft	-1.44 ft	1.19 ft	1.36 ft
8557380	Lewes, DE	09/18/2017 23:48 (EDT)	-1.00 ft	-2.74 ft	1.74 ft	1.73 ft
8534720	Atlantic City, NJ	09/18/2017 23:48 (EDT)	-3.03 ft	-3.99 ft	0.96 ft	1.52 ft
8531680	Sandy Hook, NJ	09/18/2017 23:48 (EDT)	-3.12 ft	-4.10 ft	0.98 ft	1.38 ft
8510560	Montauk, NY	09/18/2017 23:48 (EDT)	-0.35 ft	-0.98 ft	0.63 ft	0.97 ft
8449130	Nantucket Island, MA	09/18/2017 23:48 (EDT)	0.83 ft	0.25 ft	0.58 ft	0.83 ft
8447930	Woods Hole, MA	09/18/2017 23:48 (EDT)	-0.37 ft	-1.10 ft	0.73 ft	0.94 ft
8443970	Boston, MA	09/18/2017 23:48 (EDT)	0.43 ft	0.02 ft	0.41 ft	1.24 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
 National Oceanic and Atmospheric Administration | U.S. Department of Commerce